



Reporte Semanal



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Activities Done

- a) Set up the crate in the clean room
 - Connected and Installed
 - Tested with internal Software
 - MAC: *00:30:64:44:59:32*

- b) Set up DCS control using a separate computer
 - Installation of CAEN OPC Server
 - Installation of Windows and WinCC-OA software in a dedicated computer
 - Installation of a Internet Switch
 - Operation and remote configuration of the CAEN power supply using CERN network (Fixed IP address)

Activities Done

- c) Test of HV modules in the new crate
 - Development of a monitoring Simulator in WinCC-OA (12 channels board)
 - Monitoring tests using the WinCC-OA Simulator (Board Mod. A1535DN)

DCS Remote Operation for Test



CAEN Crate
Mod. SY4527LC
IP: 128.141.89.252



CAEN Board
Mod. A1535DN



Host Computer
*OPC server,
WinCC*



Remote operator



Switch



CERN
Network

DCS Equipment for Test

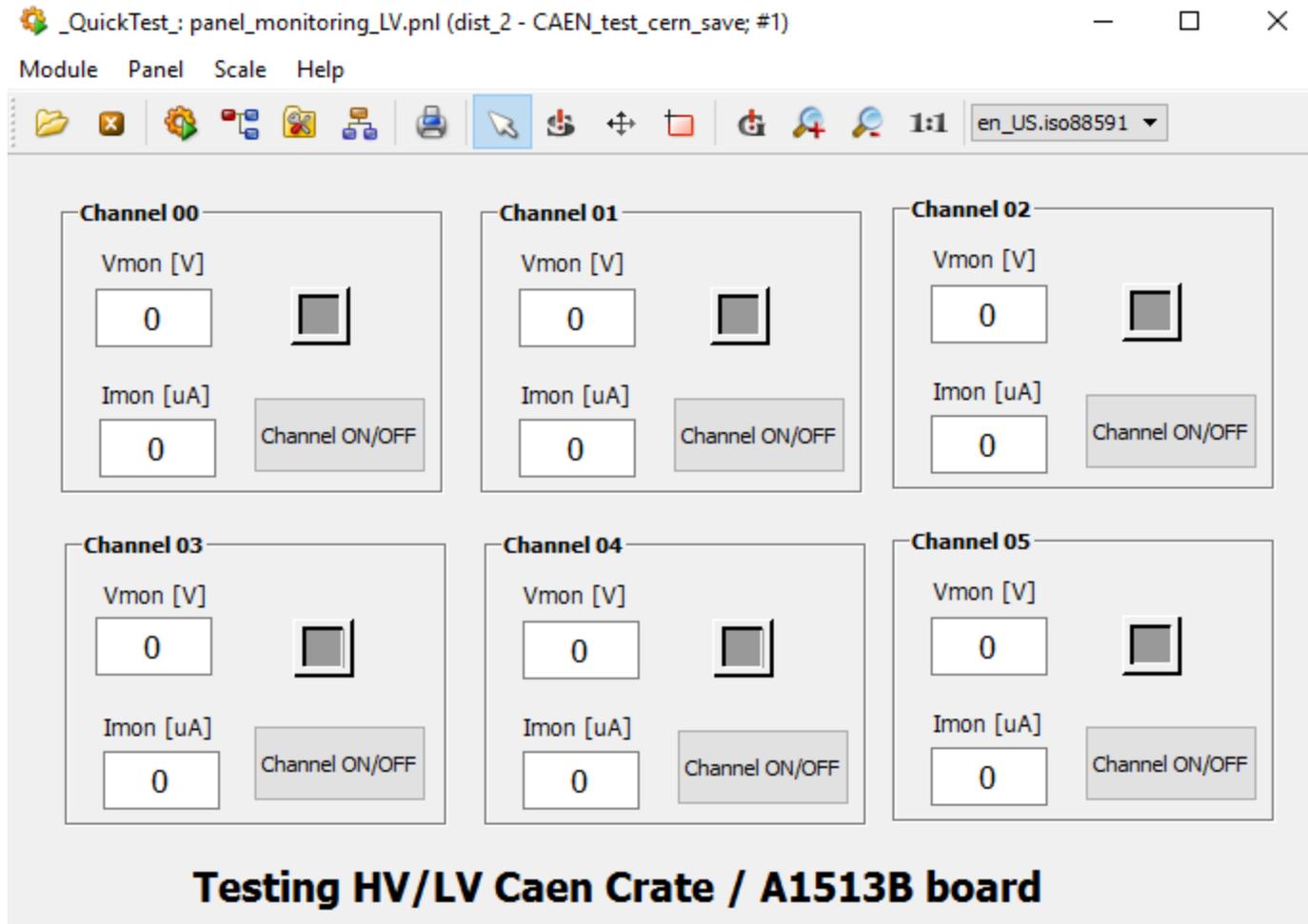
- CAEN SY4527LC
 - Connected and Installed
 - Tested with internal Software (IP: *192.168.0.1*)
 - MAC: *00:30:64:44:59:32*
- Board Mod. A1535DN
 - Only for test
- Working at Gerardo's Office (temporally)

Simulator for Testing Modules in WinCC-OA (High Voltage)

Channel 00 Vmon [V] 111 Imon [uA] 1.1 Channel ON/OFF	Channel 01 Vmon [V] 222 Imon [uA] 2.2 Channel ON/OFF	Channel 02 Vmon [V] 333 Imon [uA] 3.3 Channel ON/OFF	Channel 03 Vmon [V] 444 Imon [uA] 4.4 Channel ON/OFF
Channel 04 Vmon [V] 444 Imon [uA] 4.4 Channel ON/OFF	Channel 05 Vmon [V] 555 Imon [uA] 5.5 Channel ON/OFF	Channel 06 Vmon [V] 666 Imon [uA] 6.6 Channel ON/OFF	Channel 07 Vmon [V] 0 Imon [uA] 7.7 Channel ON/OFF
Channel 08 Vmon [V] 888 Imon [uA] 0 Channel ON/OFF	Channel 09 Vmon [V] 999 Imon [uA] 9.9 Channel ON/OFF	Channel 10 Vmon [V] 100 Imon [uA] 10 Channel ON/OFF	Channel 11 Vmon [V] 111.1 Imon [uA] 11.11 Channel ON/OFF

Testing HV/LV Caen Crate / A1535DN board

Simulator for Testing Modules in WinCC-OA (Low Voltage)



TO DO

- Test of LV-HV modules in the new crate
- DCS faults during magnets transitions during technical stop